

SIAM Unwrapped

February 2011

SIAM Unwrapped is a free electronic newsletter distributed monthly to SIAM members. It provides links to industry news, membership information, meetings, publications, and other items of interest.

Dear SIAM members,

Thanks to those of you who provided us with input on our social media survey. We are beginning to explore options for an online community platform for SIAM based on your recommendations. We will keep you posted! As we wet our feet in this area, please remember that we continue to welcome your input and suggestions.

Have you revealed the perks of being a SIAM member to a fortunate colleague yet? If not, now's the time! Go to the [MGAM page](#) to see how you can win prizes by referring new members. Applications must be received at the SIAM office or submitted online by March 31, 2011.

Regards,

Karthika Muthukumaraswamy

Editor

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::: SIAM HQ UPDATE :::

Increasing funds for student travel

At its December meeting, the SIAM Board of Trustees discussed a proposal from incoming President Nick Trefethen to dramatically increase funding for student travel. A proposal has been approved to essentially double the amount of funds for student travel by supplementing funds already available from grants, donations of certain author royalties, and member donations with additional SIAM funds. This will be fully implemented in 2012 after details are worked out by committees and SIAM staff.

SIAM seeks suggestions for leadership positions

SIAM members can make suggestions for candidates for the Board, Council, and General SIAM Committees. The SIAM Nominating Committee will be drawing up slates of candidates for President, Vice President-at-Large, Secretary, and members of the Board of Trustees and Council. In addition, the SIAM Committee on Committees and Appointments will be drawing up lists of people who may be appointed to serve on various committees. So now is an opportune time to make your suggestions known. Don't know anyone better suited to a position than you? Self-nominations are OK!

Web forms to submit nominations can be found at:

<http://www.siam.org/about/suggestions.php>

::: STUDENT NEWS & NOTES :::

What to look for at Student Days

Student Days presents a great occasion for students to connect, interact and network with their peers, in addition to having opportunities to meet with professionals from academia, government, and industry. The event will host representatives from around the world, with individual SIAM chapters discussing their ideas and initiatives for the coming year. Student Days will take place on Wednesday, March 2, 2011, during the [SIAM Conference on Computational Science and Engineering](#) (CSE11), to be held February 28–March 4, in Reno, Nevada. Students can look forward to various events at CSE11 this year, such as a [Careers in Industry](#) panel, a session discussing [Future Directions in Computational Science and Engineering](#), and a panel on the [Future of Computing](#).

In addition, recipients of the 3rd Bavarian Graduate School in Computational Engineering (BGCE) Student Paper Prize will receive their awards at prize sessions [I](#) and [II](#). Poster submissions will be displayed at the [Poster Session and Dessert Reception](#).

More detailed information about these and other events of interest to students at CSE11 is now available at the Student Day web listing at:

<http://www.siam.org/meetings/cse11/students.php#studentdays>

::: PUBLISHING NEWS AND NOTES :::

SIAM e-books now available

On January 31, 2011, SIAM officially launched its new e-book program for libraries and institutions, making hundreds of new and classic SIAM titles available to online readers worldwide. About half of the 400 SIAM books to be included in year #1 are available immediately, with the balance set to come online in the months ahead. The books are available in PDF format, using the same AIP/Scitation platform as SIAM Journals Online. Librarians wishing to learn more about SIAM e-books can find information online at the e-book website, www.siam.org/ebooks including a copy of the [Online Licensing Agreement](#). Check out the comprehensive [FAQ page](#) or feel free to e-mail ebooks@siam.org with any questions or concerns. Through June 30, 2011, buyers who purchase or subscribe to the e-book program will receive an introductory discount of 20% off the list or member pricing.

SIAM Journals: now with improved discoverability and more

SIAM Journals have migrated to Scitation's next-generation platform, C3, greatly enhancing the functionality of journal pages. In addition to reducing discovery time, the new look and design allow ease of connecting similar concepts and exposing related content without user interaction. Each article abstract allows users to browse articles related to it by keyword or classification code, saving them the trouble of devising their own searches to achieve the same purpose. An author quick search enables clicking on a name to pull up other papers by the same author. Cloud navigation allows for graphical searching of keywords and classification codes. In addition to improved searchability is the provision to filter search results through "facets" that can refine returned content by author, keyword, publication year, etc. To further facilitate fast discoverability, users can create "smart ToCs," which enable them to customize searches, harvest citations, hide irrelevant content, and preview abstracts with the click of a button. Other new features include the ability to be alerted when articles are cited or corrected and to share articles on popular social networks such as Facebook and Twitter.

In other words, the new platform makes SIAM Journals more user-friendly, inclusive, and interactive. Check it out:

<http://epubs.siam.org/journals>

::: CYBER-SIAM UPDATES :::

SIAM Connect: news, networking, nuance

As part of exploring the world of social media in the interest of providing a forum for our members, we created an online news page to serve a growing collaborative community. SIAM Connect covers headlines, articles and news stories of specific interest to the applied math and computational science community, including research and policy news; announcements about scholarships and prizes; trends and milestones in the larger community; and a calendar of relevant events. In addition, it allows users to connect and interact with each other by making discussion and feedback easy. It does so either on the site through the 'Comments' section or by allowing readers to broaden the scope of discussion by sharing news items on popular social networks such as Facebook, Twitter, and LinkedIn.

Check it out and let us know what you think!

<http://connect.siam.org/>

::: PRIZES AND AWARDS :::

J. Tinsley Oden wins SIAM/ACM Prize in CS&E

Dr. J. Tinsley Oden, Director of the Institute for Computational Engineering and Sciences (ICES) and Professor at the University of Texas at Austin, will receive the SIAM/ACM Prize in Computational Science and Engineering. The prize, established in 2002, is awarded biennially jointly by SIAM and ACM for outstanding research contributions to the development and use of mathematical and computational tools and methods for the solution of science and engineering problems. Dr. Oden will be recognized for his impact on the development of finite element methods, which have proved to be key tools for modern engineering practice.

The CS&E Prize will be awarded at the [SIAM Conference on Computational Science and Engineering \(CSE11\)](#) in Reno, Nevada during a brief ceremony at the morning plenary session (starting at 8:10 a.m.) on Tuesday, March 1, in the Reno Ballroom of the Grand Sierra Resort and Casino. The award consists of a certificate containing the citation and a cash prize of \$5,000.

For more on this prize, see <http://www.siam.org/prizes/sponsored/cse.php>.

::: CONFERENCE UPDATES :::

Conferences accepting registrations and submissions

1. [ICIAM 2011](#), July 18 – 22, 2011, Vancouver, BC, Canada
Early bird registration rates close February 28, 2011! Register at the link below:
http://www.iciam2011.com/index.php?option=com_content&view=article&id=43&Itemid=48
2. [SIAM Conference on Mathematical and Computational Issues in the Geosciences](#), March 21-24, 2011, Long Beach, California, USA

Online registration is open until February 21, 2011. The program includes two minitutorials: *Uncertainty Quantification*, Roger Ghanem, University of Southern California, and *Quantifying Errors in Error-variance-predictions*, Craig Bishop, Naval Research Laboratory.

Go to the link below to register:

<http://www.siam.org/meetings/gs11/regform.php>

3. [SIAM Conference on Optimization](#), May 16 – 19, 2011, Darmstadt, Germany

Pre-registration deadline is April 4, 2011. A minitutorial on *Convex Relaxation and Applications* will be offered by Michael Friedlander, The University of British Columbia, Canada; Maryam Fazel, University of Washington, USA; and Etienne de Klerk, Tilburg University, The Netherlands. Find more details and registration information at:

<http://www.siam.org/meetings/op11/reginfo.php>

4. [SIAM Conference on Applied Algebraic Geometry](#), October 6-9, 2011, Raleigh, North Carolina, USA

Deadline for minisymposia proposals is March 7. Information on submitting a minisymposium or contributed presentation is at <http://www.siam.org/meetings/ag11/submissions.php>.

5. [SIAM International Conference on Data Mining](#), April 28-30, 2011, Mesa, Arizona, USA

Registration is now open at:

<https://www.siam.org/meetings/sdm11/regform.php>

If your email does not support the hyperlink features, please copy any of the above URLs and paste them into your Internet browser.

Questions/comments/suggestions? Send them to karthika@siam.org.

Society for Industrial and Applied Mathematics (SIAM)

3600 Market Street, 6th Floor

Philadelphia, PA

19104-2688 USA

+1 215-382-9800

+1 215-386-7999 fax

www.siam.org

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